Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
Data File : BN021423.D
Acq On : 29 Aug 2022 14:58
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC5.0

Quant Time: Aug 29 15:36:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 14:52:01 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.076 | 152 | 4987 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.909 | 136 | 14199 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.728 | 164 | 8089 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.480 | 188 | 15465 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.673 | 240 | 14129 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 24.197 | 264 | 9257 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.599 | 112 | 49044 | 3.634 | ng | | 0.00 |
| 5) Phenol-d6 | 7.224 | 99 | 65887 | 3.895 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.254 | 82 | 52487 | 4.884 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.493 | 152 | 166600 | 6.947 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.218 | 330 | 16771 | 4.527 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.360 | 172 | 166441 | 4.600 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.510 | 212 | 218002 | 4.718 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.097 | 244 | 146925 | 4.922 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.410 | 88 | 28040 | 4.053 | ng | # | 89 |
| 3) n-Nitrosodimethylamine | 3.735 | 42 | 27877 | 4.213 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 7.491 | 93 | 70837 | 4.186 | ng | | 98 |
| 9) Naphthalene | 10.962 | 128 | 203621 | 4.361 | ng | | 98 |
| 10) Hexachlorobutadiene | 11.240 | 225 | 34586 | 4.491 | ng | # | 100 |
| 16) Acenaphthylene | 14.450 | 152 | 210056 | 5.179 | ng | | 100 |
| 17) Acenaphthene | 14.792 | 154 | 135283 | 4.807 | ng | | 97 |
| 18) Fluorene | 15.776 | 166 | 165939 | 4.706 | ng | | 100 |
| 21) 4-Bromophenyl-phenylether | 16.670 | 248 | 50978 | 4.815 | ng | | 98 |
| 22) Hexachlorobenzene | 16.782 | 284 | 57772 | 4.701 | ng | | 99 |
| 23) Atrazine | 16.926 | 200 | 36608 | 5.469 | ng | | 96 |
| 25) Phenanthrene | 17.521 | 178 | 269495 | 4.765 | ng | | 100 |
| 26) Anthracene | 17.613 | 178 | 241986 | 5.207 | ng | | 99 |
| 28) Fluoranthene | 19.539 | 202 | 297872 | 4.785 | ng | | 100 |
| 30) Pyrene | 19.902 | 202 | 353152 | 4.964 | ng | | 93 |
| 32) Benzo(a)anthracene | 21.655 | 228 | 268319 | 5.016 | ng | | 100 |
| 33) Chrysene | 21.709 | 228 | 277115 | 4.753 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.574 | 149 | 113977 | 4.420 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.860 | 276 | 231777 | 4.923 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.419 | 252 | 236195 | 5.786 | ng | # | 93 |
| 38) Benzo(k)fluoranthene | 23.471 | 252 | 242078 | 5.739 | ng | | 95 |
| 39) Benzo(a)pyrene | 24.083 | 252 | 179618 | 5.421 | ng | # | 89 |
| 40) Dibenzo(a,h)anthracene | 26.881 | 278 | 186932 | 4.826 | ng | | 93 |
| 41) Benzo(g,h,i)perylene | 27.676 | 276 | 192821 | 4.729 | ng | | 98 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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